

JUSTIFICATION FOR SOLE SOURCE/BRAND NAME SOLE SOURCE <\$150K

PLEASE FILL IN ALL APPLICABLE BLOCKS BELOW.
A NARRATIVE MUST BE ADDED TO ALL APPLICABLE SECTIONS.

PO Number:		
The effort listed on this form is for: (<u>please mark one</u>):	<input checked="checked" type="checkbox"/> Supply	<input type="checkbox"/> Service
The material and/or service listed on this form is (<u>please mark one</u>):	<input checked="checked" type="checkbox"/> Sole Source	<input type="checkbox"/> Brand Name

Restricted to the following source or manufacturer:

- Manufacturer/Source: Teledyne Benthos
- POC and Phone Number: Joe Borden tel: 508-563-1638 email: joseph.borden@teledyne.com
- Address: 49 Edgerton Drive, North Falmouth, MA 02556

Description of the item(s) or service(s) required and the estimated cost(s):

Item#	MFG Name	MFG Part#	Description	Qty	U/I	Unit Price	Ext Price
	Teledyne Benthos	ATM-900 series	Benthos DAT: Digital Acoustic Transponder DAT-903-MF5 Medium Frequency OEM DAT board set with remote transponder (right- angle connector on transducer	1	ea	\$25,000	\$25,000

*** If additional items are required, please provide on a separate spreadsheet

1. List the Required Delivery Date (RDD) or Period of Performance (POP): 01 June 2016
2. Specify characteristics of the material or service that limit the availability to a sole source/brand product (unique features, function of the item, etc.). Describe in detail why only this source/brand can furnish the requirements to the exclusion of other sources/brands.

The Benthos DAT system represents the only known system that combines together the required capability in a form factor that permits integration onboard our small Spray glider UUV. Of critical importance is the capability to resolve range and bearing between a single pair of transponders – one mounted on the USV and one mounted on the UUV. Teledyne Benthos is the only known manufacturer of this type of system. This system matches the DAT system currently being installed on another NPS Spray glider and will provide matching capability for both gliders.

3. Indicate if the requested material or service represents the minimum requirements of the Government.

Requested material represents the minimum requirements of the Government

4. Indicate if the material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed/performing. Describe the equipment/function you have now and how the new item/service must coordinate, connect or interface with the existing system.

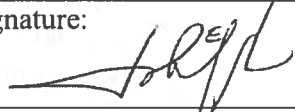
The DAT system must be compatible in all aspects (form, fit, and function) with existing small Spray glider UUV.

5. Does a patent, copyright or proprietary data limit competition? No
6. Are the items "direct replacement" parts/components for existing equipment? No, this adds additional capability to the Spray glider (UUV).
7. Provide any additional information to support a sole source/brand name sole source procurement. The rationale must justify "either" substantial duplication of cost to the Government that is not recovered through competition or unacceptable delays in fulfilling the mission of the agency.

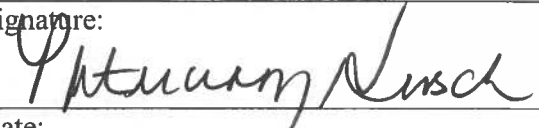
A market survey was conducted to identify possible solutions for the acoustic underwater data and localization arena. No other companies offer the capability to resolve range and bearing between a single pair of acoustic transponders. Teledyne Benthos was identified as the only viable solution.

TECHNICAL OR REQUIREMENTS CERTIFICATION

I CERTIFY THAT THE STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE SOURCE/BRAND NAME SOLE SOURCE JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

Printed Name: John Joseph	Signature: 
Title: Faculty Associate – Research (AD5)	Date: 30-March-2016

CONTRACTING OFFICER APPROVAL:

Printed Name:	Signature: 
Title: Patricia M. Hirsch Contracting Officer	Date: 4/12/2016